

MINE SAFETY APPLIANCES CO.

541 Fourth Avenue,
Pittsburgh, Pa.

Distributors and General Agents of the following:

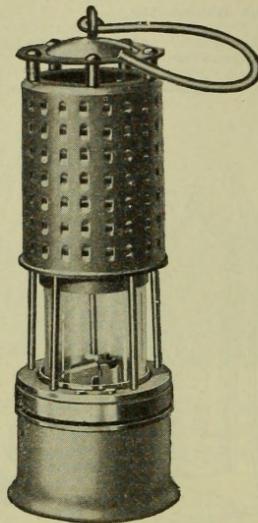
Koehler Safety Lamps.
Edison Electric Miners Cap Lamps.
Fluess Proto Breathing Apparatus
The Lungmotor
Safety Lamp Testing Box

First Aid Supplies.
Hydro Recording Gauges.
Anemometers and Barometers.
Safety Signs and Signals.
Stretchers and Blankets.

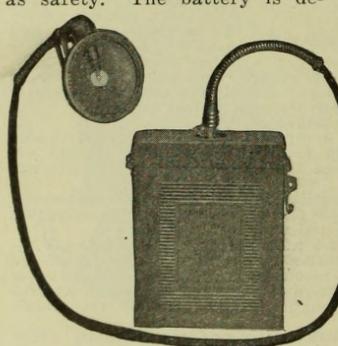


KOEHLER SAFETY LAMPS

This safety lamp has approval No. 1 of the United States Bureau of Mines and received the Gold Medal at the Panama Pacific Exposition. This lamp has a flat wick which gives 50% more illumination than any other safety lamp on the market. It is the only approved safety lamp manufactured in America. For working, traveling, or testing purposes, it cannot be surpassed.

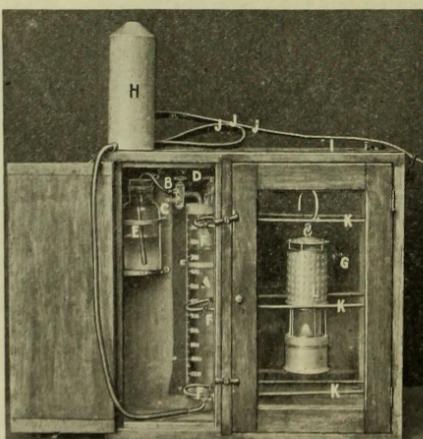


EDISON ELECTRIC MINERS CAP LAMP—This lamp was awarded the Gold Medal at the Panama Pacific Exposition. It is approved by the Government under schedule 6 A for efficiency and practicability as well as safety. The battery is de-



livered from the factory electrically sealed, does not contain acid, and renewal plates are never required. The battery carries with it a two year guarantee, something entirely unheard of in connection with any other lamp. The lamp cannot be harmed by being left in a charged, over-charged, semi-charged, or discharged condition for a short or long period of time.

SAFETY LAMP TESTING BOX—A mechanism especially constructed for the use of Mining Schools, State Inspectors or those who desire to see just what sort of a cap appears on a safety lamp from the moment it first touches gas up to the point of the explosive limit. The box is fitted with a safety device so that an explosion can not harm the apparatus. Was awarded Silver Medal at the Panama Pacific Exposition.

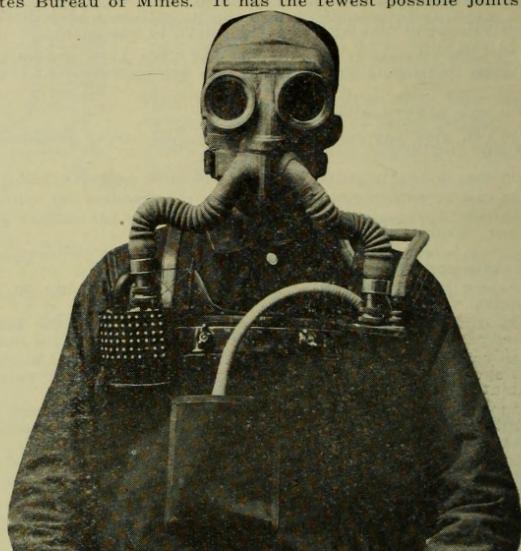


MINING CATALOGUES

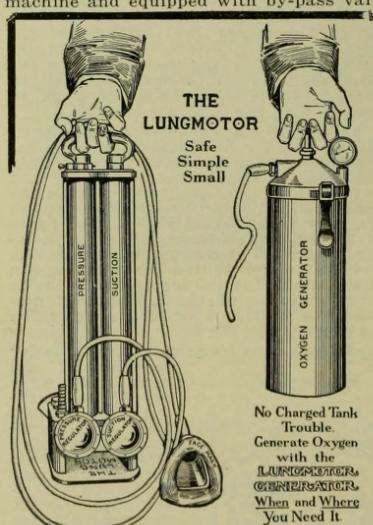
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FLUESS PROTO APPARATUS—This apparatus was awarded the Gold Medal of Honor at the Panama Pacific Exposition and is the only mouthbreathing, self contained type of oxygen apparatus which has been approved without change by the United States Bureau of Mines. It has the fewest possible joints and



these all hang in front of the wearer. No expensive cartridge is required, costs two-thirds less to operate than any other apparatus. It is of the non-injector type. It is a positive pressure machine and equipped with by-pass valve.



No Charged Tank Trouble.
Generate Oxygen with the LUNG MOTOR GENERATOR When and Where You Need It

The Lungmotor.
This is the only mechanical resuscitation device approved by the United States Bureau of Mines. It also received "The Gold Medal of Honor" from the International Jury of awards at the Panama Pacific Exposition. It is operated by hand, administers all air, all or any percentage of Oxygen Always available for use when needed. Used successfully in case of drowning, Electric Shock, Gas Poisoning, Asphyxia at Birth and collapse during Anesthesia.

First Aid Supplies.
In addition to those manufactured by Bauer & Black, of whose material we carry in stock a full line, we carry triangular bandages and splints especially adapted for the use of miners and for teams practicing first aid work.

Hydro Recording Gauges, Anemometers and Barometers, Safety Signs and Signals.

All of the above apparatus represents the highest standard of Mine Safety Equipment. Our judgment in these matters is confirmed by the approval and use of all of them by the United States Bureau of Mines.

Further confirmation has been given by the International Jury of Awards at the Panama Pacific International Exposition in granting to these various appliances the very highest possible awards in each class in which they were entered.

This is the only Company in America dealing exclusively in safety devices for use in Coal Mines.

A TRIAL ORDER SOLICITED

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN